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NPIC/TSSG/DED-1486-69
31 January 1969

MEMORANDUM FOR THE RECORD

SUBJECT: RE: Memo on [] Effort

1. The [] is experimenting with the only dry silver photographic material other than the [] process. The [] process is in a very basic development stage and is considered to be 4-5 years behind the [] process.

2. The [] has also developed a non silver dry process (heat developed) diazo photographic reproduction material. This has the advantage of being a positive acting material, however, it is still a diazo process and is sensitive in the ultra violet end of the spectrum (3600A°). We are supporting this material to fill the positive acting requirements until positive acting dry silver, which has greater latitude, is available.

3. "Free Radical" is another non silver photographic reproduction process which is sensitive in the UV and far blue end of the spectrum. The USAF (Wright/Patterson) is supporting R&D in this area.

4. The [] "RS Process" is a wet electrostatic process which can use the noble metals such as nickel, gold, etc. to form the image, however, the best process uses silver to form the image. This project is being supported by the USAF (Westover SPPF).

5. ORD is keeping tabs on a very highly proprietary [] process. No specific information has yet been made available to DED personnel.

6. It would be neither cost effective nor necessary for us to duplicate these efforts. In a broad sense, we are already "double tracking" by keeping informed on these processes and other new developments as they occur.

[]
NPIC/TSSG/DED/R&DB-II

Distribution:

Orig - Rt & File
2 - DED Chronos

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